

The Buckleys PD 130 Pinhole/Holiday Detector Kit enable inspectors to quickly check non-conductive coatings or linings for porosity, pinholes and other faults.



## FEATURES

- Lightweight & portable
- Easy to use
- Audible & visual alarm fault indicators
- Clear LCD with backlight
- Membrane keypad operation
- Microprocessor controlled
- Automatic voltage selector (test voltage is set from coating thickness value)
- Accurate sensitivity control
- Displays electrode DC current
- Volume control for quiet environments
- Power limited to avoid coating damage
- Existing PHD accessories can be used
- One year 'back-to-base' warranty
- CE approved

## TECHNICAL SPECIFICATIONS

- Adjustable output voltage range: 1-30kV DC
- Adjustable DC alarm sensitivity: 10-450  $\mu$ A
- Suitable for coating thicknesses 16 $\mu$  to 14.4mm
- Operating time: 10 hrs (tested as BSEN-50356 @ 30kV. Unit fitted with 10000mAh NiMH cells)
- Test voltage formula: NACE SP0274
- Weight (unit, shoulder bag & batteries): 1.6Kg
- Dimensions (unit only): 16cm x 6cm x 20cm
- Packed weight: 5.25Kgs
- Dimensions (packed): 37cm x 30cm x 40cm

It is suitable for checking coating thicknesses of between 16 microns to 14.4mm and contains all the necessary equipment to perform basic tests.

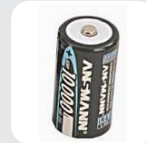
Additional phosphor bronze electrodes, either straight or curved, can be supplied for use with the kit (see data sheet E1). Alternatively, rolling spring electrodes can provide an effective means of testing external pipe coatings and are available in most sizes to suit (see data sheet E3).

Coatings on smaller pipes (less than 100mm/4 inches) can be tested by using a silicone rubber electrode (with suitable size hole) through which the pipe can be passed (see data sheet E2).

## COMPLETE KIT COMPRISES

- PD 130 detector unit
- Battery charger and 4 x rechargeable batteries
- Power pack
- Shoulder bag
- Test probe handle
- Anti-static wristband
- Coiled interconnecting lead
- 5m trailing earth lead and 5m earth lead
- 330mm & 220mm extension rods with insulating connector
- Electrode shoe
- Screwdriver
- 250mm phosphor bronze brush electrode
- Stainless steel drum-brush electrode
- Test voltage calculator
- Comprehensive instruction manual with calibration certificate

## ACCESSORIES AVAILABLE:



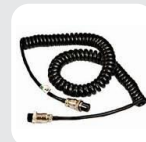
**A102**  
Rechargeable  
Battery  
6005-0002



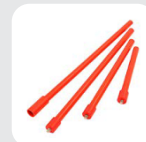
**A104**  
High-Visibility  
Transit Case  
6005-0004



**AD11**  
Metric - Imperial  
Adaptor (black)  
6005-0009



**A103**  
Interconnecting  
Lead for PD30/40  
6005-0003



**A11/A11A**  
Insulated Extension  
Rods  
6005-0056/6005-0057



**A101**  
PD Range  
Battery Charger  
6005-0001



**A108**  
Red Carrying  
Case  
6005-0041



**ADM1**  
Imperial - Metric  
Adaptor (red)  
6005-0011



**E104-562**  
Phosphor Bronze  
Brush Electrodes  
(See Data Sheet E1)

**Note:** Due to ongoing technical developments, all stated information is typical and is subject to change without notice or obligation.

## AFTER SALES SERVICE / TECHNICAL SUPPORT

All Buckleys products are manufactured under the controls established by a quality management system that meets the requirements of BS EN ISO 9001:2008 and are supplied with a one year 'back-to-base' warranty. The equipment is proven to be robust and reliable and will give years of service if maintained in accordance with our instructions. Annual re-calibration is recommended for the PD Pinhole/Holiday Detectors. Buckleys provide full repair and calibration facilities; offering a fast turn-around service for customers' equipment. Advice on specific applications for all Buckleys products is available from our technical department. Contact us by telephoning, sending a fax or by e-mail using the contact details below.

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